

**Ranked cause of death in the neonatal and post-neonatal periods**  
**Tennessee (1999-2004)**

ICD-10	Cause of Death	< 60 minutes	1-23 hours	1 day - 27 days	28 days - 12 months
P07	Disorders related to short gestation and low birthweight, not elsewhere classified	1	1	3	
P01	Newborn affected by maternal complications of pregnancy	2	3		
P02	Newborn affected by complications of placenta, cord, and membranes	3	5		
P29	Cardiovascular disorders originating in the perinatal period	4	2		
P28	Other respiratory conditions originating in the perinatal period	5	6		
Q00	Anencephaly and similar malformations	6			
Q89	Other congenital malformations, not elsewhere classified	7			
P22	Respiratory distress of newborn		4	1	
Q33	Congenital malformations of lung		7		
P36	Bacterial sepsis of newborn			2	
P52	Intracranial nontraumatic hemorrhage of fetus and newborn			4	
P77	Necrotizing enterocolitis of newborn			5	
Q91	Edwards syndrome and Patau syndrome			6	
R95	Sudden infant death syndrome			7	1
R99	Other ill-defined and unspecified causes of mortality				2
Q24	Other congenital malformations of heart				3
W75	Accidental suffocation and strangulation in bed				4
J18	Pneumonia, organism unspecified				5
P27	Chronic respiratory disease originating in the perinatal period				6
A41	Non-streptococcal septicemia				7

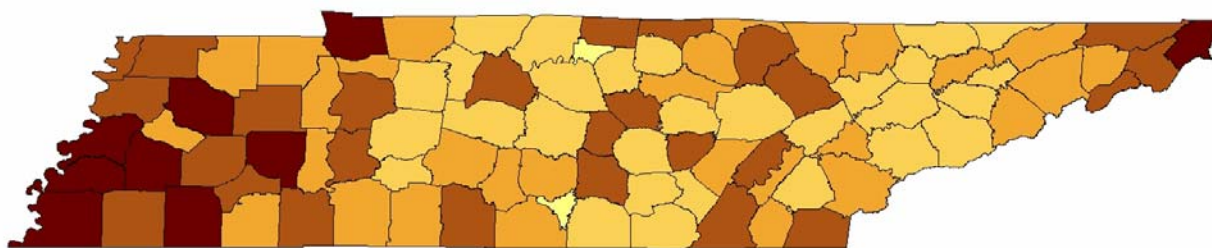
**Factors affecting infant mortality rates  
Tennessee 1995-2003**

<b>Higher Infant Mortality Rate (rate per 1,000)</b>	<b>Lower Infant Mortality Rate (rate per 1,000)</b>
African-American - 18.0 (2003)	White - 7.0 (2003)
Single mother - 12.7	Married mother - 6.3
Premature birth (< 37 weeks) - 51.0	Normal gestation - 3.4
Twins or more - 37.5	Single birth - 7.7
No prenatal visits - 46.0	One or more prenatal visit - 8.0
Smoking mother - 12.0	Non-smoking mother - 7.7
Did not finish high school - 11.9	College graduate - 4.6
Urban dweller - 10.3	Rural - 7.4

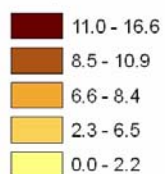
**Leading Causes of Infant Death by Race  
Tennessee (1999-2004)**

<b>ICD-10 Codes</b>	<b>African-American</b>	<b>White</b>
(P07) Short gestation, low birthweight	1	2
(Q00-Q99) Congenital malformations, deformations & chromosomal abnormalities	2	1
(R95) SIDS	3	3
(P29) Cardiovascular disorders originating in the perinatal period	4	9
(P22) Respiratory distress	5	5
(V01-X59, Y85-Y86) Accidents	6	4
(P01) Maternal complications	7	6
(P36) Bacterial sepsis	8	7
(P02) Complications of placenta, cord & membranes	9	7
(P77) Necrotizing enterocolitis of newborn	10	12
(P28) Other respiratory conditions originating in the perinatal period	11	9
(R99) Other ill-defined and unspecified causes of mortality	12	8
(P50-P52, P54) Neonatal hemorrhage	13	10
(P21) Birth asphyxia	14	11

**Infant Mortality Rate, Tennessee  
1995 - 2004**



**Rate Per 1,000 Live Births**



Office of Policy Planning and Assessment  
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